



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Meeting Agenda Town Council



Tuesday, January 19, 2021

7:00 PM

Remote Meeting - View Livestream or Cable TV

18

7:00-7:05

A. ROLL CALL

7:05-7:10

B. POETRY READING, RESOLUTIONS, PROCLAMATIONS, AND ACKNOWLEDGEMENTS

1. [21-16](#) Proclamation - Honoring Dr. Kizzmekia “Kizzy” Corbett

7:10-7:15

C. ANNOUNCEMENT OF UPCOMING MEETINGS

7:15-7:25

D. REQUESTS FROM VISITORS AND SPEAKERS FROM THE FLOOR

Comments are limited to three minutes per speaker.

7:25-7:35

E. CONSENT AGENDA

1. [21-15](#) Approval of Minutes from the November 10 and December 1, 2020 Meetings
2. [20-453](#) Stormwater Utility Monthly Report
PURPOSE: The purpose of this item is to provide the monthly update regarding Stormwater Utility projects and initiatives.
Attachments: [January 2021 Stormwater Report](#)
3. [21-3](#) Fire Department Monthly Report
PURPOSE: To provide the Town Council a monthly overview of calls for service.

Attachments: [December 2020.pdf](#)

4. [20-440](#) Police Department Monthly Report
PURPOSE: The Purpose of this agenda item is to provide the Town Council a brief overview of the monthly calls for service.
Attachments: [December 2020 Monthly Report.pdf](#)
5. [21-13](#) Economic Development Monthly Report
PURPOSE: Regular Monthly Activities and Status Report
Attachments: [Attachment A - December Monthly Report](#)
6. [21-12](#) A Resolution to Define Net Zero for the Town of Carrboro Buildings.
PURPOSE: The purpose of this item is for the Town Council to adopt a definition, including a metric and boundary, for the term “Net Zero Buildings” for the Town of Carrboro.
Attachments: [Attachment A - Resolution Net Zero Definition](#)
[Attachment B - EAB Net Zero Recommendation 1-11-21](#)
[Attachment C - Town of Carrboro Net Zero Definitions 11-23-2020](#)

F. OTHER MATTERS

7:35-8:00

1. [21-9](#) Establishment of the Racial Equity Commission
PURPOSE: The purpose of this agenda item is for the Town Council to consider adopting the resolution establishing the Racial Equity Commission.
Attachments: [Attachment A - Resolution - Racial Equity Commission](#)
[Attachment B- Racial Equity Commission structure](#)

8:00-8:30

2. [21-10](#) Energy and Climate Protection Plan and Community Climate Action Plan Implementation Update
PURPOSE: The purpose of this item is to update the Council on Energy and Climate Protection Plan and Community Climate Action Plan Implementation Efforts and to request comments on the Green Neighborhoods Grant Program proposal from the Town Council.
Attachments: [Attachment A - Resolution To Receive Update](#)
[Attachment B - Resolution Requesting Comments on the Green Neighborhoods Grant Program](#)
[Attachment C - CCAP and ECPP Implementation Update - January 2021](#)
[Attachment D - Green Neighborhoods Grant Program - Draft](#)

G. MATTERS BY COUNCIL MEMBERS**8:30-9:30**

- H. CLOSED SESSION 143-318.11 (A)(4) To discuss matters relating to the location or expansion of industries or other businesses in the area served by the public body, including agreement on a tentative list of economic development incentives that may be offered by the public body in negotiations, or to discuss matters relating to military installation closure or realignment. Any action approving the signing of an economic development contract or commitment, or the action authorizing the payment of economic development expenditures, shall be taken in an open session.**
- I. CLOSED SESSION 143-318.11 (A)(6) To consider the qualifications, competence, performance, character, fitness, conditions of appointment, or conditions of initial employment of an individual public officer or employee or prospective public officer or employee; or to hear or investigate a complaint, charge, or grievance by or against an individual public officer or employee. General personnel policy issues may not be considered in a closed session. A public body may not consider the qualifications, competence, performance, character, fitness, appointment, or removal of a member of the public body or another body and may not consider or fill a vacancy among its own membership except in an open meeting. Final action making an appointment or discharge or removal by a public body having final authority for the appointment or discharge or removal shall be taken in an open meeting.**



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-16

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

Proclamation - Honoring Dr. Kizzmekia “Kizzy” Corbett



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-15

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

Approval of Minutes from the November 10 and December 1, 2020 Meetings



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:20-453

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

Stormwater Utility Monthly Report

PURPOSE: The purpose of this item is to provide the monthly update regarding Stormwater Utility projects and initiatives.

DEPARTMENT: Public Works

CONTACT INFORMATION: Randy Dodd, Stormwater Utility Manager, 919 918-7341

INFORMATION: The report identifies 13 separate projects and initiatives that Stormwater staff are currently or will be involved in in FY 20/21. These are specific efforts, some time-limited and others part of ongoing stormwater program development, that are above and beyond the baseline workload that includes but is not limited to: program administration; responding to requests for support and community outreach; stormwater system inspection and maintenance; reviewing development plans; stream determinations/buffer reviews; and illicit discharge response and pollution prevention.

An emphasis of Stormwater staff work (beyond core workload) since the last report has been: continued follow up from the August NPDES permit audit; outreach and implementation for increased Stormwater Control Measure maintenance oversight efforts; closeout for two capital projects and planning for new projects, and preparing the annual CIP update.

FISCAL & STAFF IMPACT: There is no fiscal impact associated with this update. There are/will be nearer and longer term fiscal and staff impacts, as presented in the report.

RECOMMENDATION: It is recommended that the Council receive the staff report.

STORMWATER UTILITY MONTHLY REPORT

Contents

PART 1: WATER QUANTITY DRIVEN WORK.....	2
1. Broad Street Culvert Replacement	2
<i>Status: Complete.</i>	2
2. RainReady Study Follow Up	3
<i>Status: Planning.</i>	3
3. Land Use Ordinance Stormwater Provisions Review	4
<i>Status: Planning.</i>	4
4. FEMA Hazard Mitigation Grant Program Letters of Interest (Acquisition and Elevation)	5
<i>Status: Applications in Review.</i>	5
5. FEMA Public Assistance: Damage Recovery from Hurricane Florence	6
<i>Status: Closeout.</i>	6
PART 2: WATER QUALITY & FEDERAL/STATE REGULATORY DRIVEN WORK	7
6. NPDES Town Wide Permit	7
<i>Status: Active.</i>	7
7. Stormwater Control Measure Maintenance and Inspection Program	8
<i>Status: Active.</i>	8
8. NPDES Public Works Facility NPDES Permit	9
<i>Status: Active.</i>	9
9. Jordan Lake Rules Compliance	10
<i>Status: Under Review (State).</i>	10
10. Bolin Creek Watershed Restoration Plan Implementation	11
<i>Status: Planning.</i>	11
PART 3: WORK DRIVEN BY BOTH WATER QUANTITY AND QUALITY INTERESTS	12
11. Public Works Stream Restoration	12
<i>Status: Closeout.</i>	12
12. MS4 Inventory Update, Condition Assessment, Asset and Workflow Management	13
<i>Status: Active.</i>	13
13. Stormwater Project Planning and Prioritization	14
<i>Status: Active.</i>	14

PART 1: WATER QUANTITY DRIVEN WORK

1. Broad Street Culvert Replacement



Project Description: This project involves replacing an old and undersized culvert on the 400 block of Broad Street.

Project Background: The inadequate culvert has been responsible for previous overtopping of the road. This site has been included in previous Town flood studies by Sungate Design.

Status: Complete. Construction was completed in December.

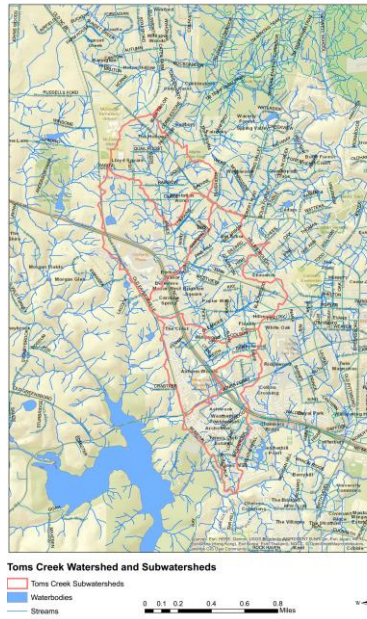
Fiscal and Staffing Considerations: The engineering cost \$50k and construction cost \$136k. There will be minimal staff impact with project closeout.

Additional Information:

<https://carrboro.legistar.com/LegislationDetail.aspx?ID=2288740&GUID=0B2EA271-314B-4ED8-8A38-0E199F87A49F%3E&FullText=1>

<https://carrboro.legistar.com/LegislationDetail.aspx?ID=2288740&GUID=0B2EA271-314B-4ED8-8A38-0E199F87A49F%3E>

2. RainReady Study Follow Up



Project Description: In 2019, the Council directed staff to move forward with a pilot study due to the persistent and ongoing need to address flooding issues, with the upper Toms Creek watershed serving as the geographic focus.

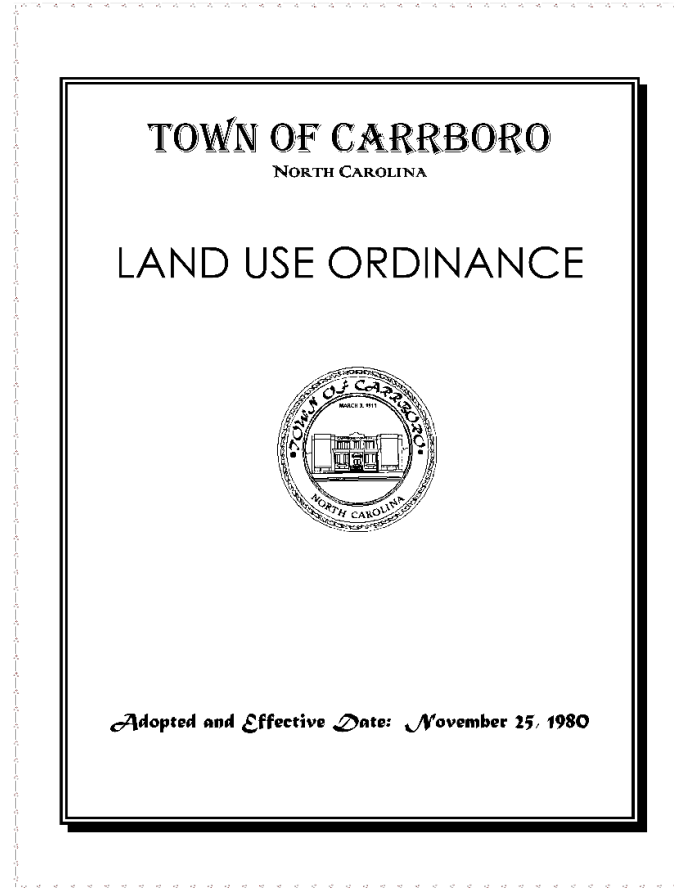
Project Background: For the Toms Creek watershed, flooding and drainage is a recurring and important theme. The upper watershed has received the most attention in recent years due to the degree of flooding and drainage issues experienced by residential property owners both in the regulated floodplain and other areas. A watershed based approach is needed to comprehensively address the issues that exist. An emerging concern is resiliency in consideration of the growing number of recent intense storms and the potential for a shift to more flooding in the future due to climate change.

Status: Planning. The Town contracted with the Center for Neighborhood Technology (CNT), resulting in a “RainReady” report in May, 2020. Sungate Design has also completed an engineering assessment of a catchment between Hillsborough Rd. and West Main Street with known drainage issues.

Fiscal and Staffing Considerations: Sungate’s work cost \$16.5k and the CNT’s work cost \$25k. There could be further implementation costs as a result of these projects. Any fiscal impact resulting from financial assistance to be provided as part of a new program will be determined through administrative and policy level review. There has been and will continue to be a staff impact associated with technical assistance. This impact will increase if staff will be administering a new program.

Additional Information: Additional information is available from multiple Council agenda items from 2013-2019. A [project website](#) has been created with relevant historical and project related information.

3. Land Use Ordinance Stormwater Provisions Review



Project Description: LUO stormwater provisions are under review.

Project Background: At the April 16, 2019 meeting, the Council referred further review of the stormwater provisions in the LUO to staff and the Stormwater Advisory Commission in consideration of the flooding and drainage impacts being experienced and elevated risk for increasing impacts due to climate change.

Status: Planning. This is being referred to Stormwater and Planning staff, Sungate Design, and the Stormwater Advisory Commission. **Staff and Sungate are currently researching and considering the scope of potential changes, and anticipate working with the SWAC later in 2021** to allow for a nearer term focus on regulatory compliance, capital project planning, and SCM maintenance and inspection.

Fiscal and Staffing Considerations: There is no fiscal impact with reviewing and amending the LUO. There will be a staff impact with performing the review.

Additional Information:

<https://carrboro.legistar.com/LegislationDetail.aspx?ID=3919560&GUID=59CDD594-2973-4C2B-813C-738A1CF5707B&Options=&Search>

<http://www.townofcarrboro.org/DocumentCenter/View/698/Article-XVI-Floodways-Floodplains-Drainage-and-Erosion-PDF>

4. FEMA Hazard Mitigation Grant Program Letters of Interest (Acquisition and Elevation)



Project Description: The information presented below is for an acquisition project for 116 Carol Street, and a new elevation project for 100 James Street

Project Background: Following on Hurricane Florence and Tropical Storm Michael, FEMA announced new rounds of HMGP funding. In addition to the Lorraine Street properties discussed above, two additional homeowners at 116 Carol Street and 100 James Street (properties included in previous HMGP applications for acquisitions that did not move forward) have responded, and were included in Letters of Interest submitted by the Town to the NC Department of Public Safety (NCDPS). Staff submitted one Letter of Interest for an acquisition project for 116 Carol Street and a second Letter of Interest for elevation of the home at 100 James Street in early 2019. Staff received notification in the summer of 2019 that the NCDPS would accept applications.

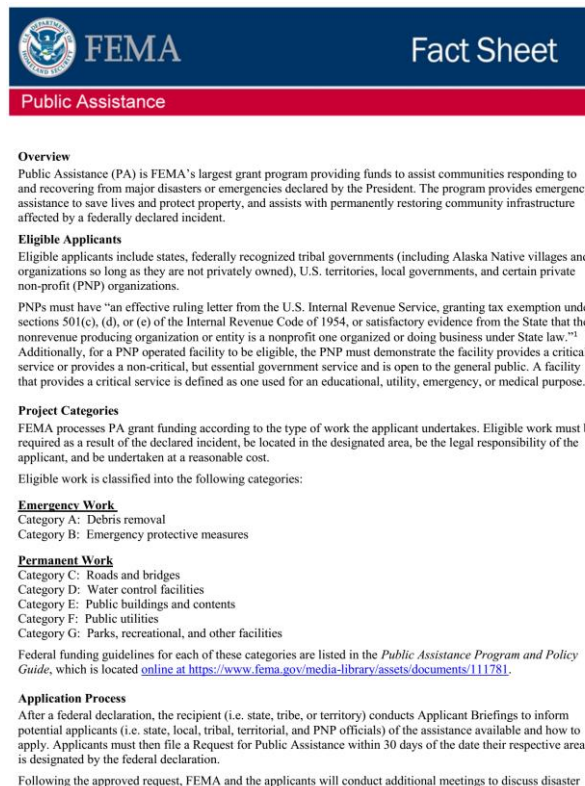
Status: Applications in Review. Application materials for the 116 Carol acquisition were submitted to the State in October, 2019 under Hurricane Florence. Application materials for the 100 James Street elevation were submitted to the State in November, 2019 under Tropical Storm Michael. Staff regularly check on the status, which has remained “pending obligation” since the applications were submitted. If approved, staff will follow up with pursuit of entering into (a) grant agreement(s) for one or both projects.

Fiscal and Staffing Considerations: If the Town is able to successfully enter into grant agreements (one for acquisition and one for elevation), costs for work covered by the grants will first be borne by the Town and then reimbursed to the Town with a combination of both Federal and State funds covering eligible costs, provided that all grant requirements are met. Elevation costs can be reimbursed at up to \$175k per home and acquisition costs at up to \$276k per home. There would be a significant staff impact to administer the grant funds.

Additional Information:

https://www.fema.gov/media-library-data/1493317448449-b83f27544e36b7bf67913f964a56b15a/HMA_Homeowners_Guide_040717_508.pdf

5. FEMA Public Assistance: Damage Recovery from Hurricane Florence



Project Description: The Town has been working through the FEMA Public Assistance process for damage recovery from Hurricane Florence. This aspect of Public Assistance is associated with covering the costs for debris removal, emergency protective measures, restoring roads, equipment and facilities to pre-storm conditions, and administrative costs. It is considered separately from the activities described in #11 below, although also under the Public Assistance umbrella.

Project Background: Stormwater staff have been leading the Town's pursuit of FEMA Public Assistance funding. Staff have submitted claims for losses not covered by insurance and have been working with FEMA/NCDPS staff to document and receive reimbursement, as well as reimbursement for staff time associated with emergency response and follow up. This process has been underway since the winter.

Status: Closeout. The Florence damage recovery work and reimbursal has been completed. Staff are working with NCDPS and FEMA to closeout the final review now that the stream restoration project (#11) is complete.

Fiscal and Staffing Considerations: The Town has received about \$59k in uninsured costs from FEMA to date, and could receive up to about \$200k of additional funds, including any funds granted for the stream restoration project, and for staff time for Public Assistance administration. This work has required over 500 hundred hours of Stormwater staff time.

Additional Information:

https://www.fema.gov/media-library-data/1534520496845-4b41646e3d8839c768deb3a7f4ded513/PADeliveryModelFactSheetFINAL_Updated_052418.pdf
https://www.fema.gov/pdf/government/grant/pa/fema323_app_handbk.pdf

PART 2: WATER QUALITY & FEDERAL/STATE REGULATORY DRIVEN WORK

6. NPDES Town Wide Permit

What is an MS4 Permit Compliance Audit?

An MS4 Audit is a structured review of the Stormwater Management Program to evaluate whether the MS4 is meeting the requirements specified in the NPDES MS4 Permit & Stormwater Management Plan (SWMP)



AKA do you have your ducks in a row?

Department of Environmental Quality



Regulatory Requirement: The Town is regulated under a town wide permit that requires the Town to implement a comprehensive stormwater management program that includes six minimum measures:

- (1) Public education and outreach on stormwater impacts
- (2) Public involvement/participation
- (3) Illicit discharge detection and elimination
- (4) Construction site stormwater runoff control (delegated to Orange County)
- (5) Post-construction stormwater management for new development and redevelopment, and
- (6) Pollution prevention/good housekeeping for municipal operations.

The initial Carrboro permit was issued effective July 1, 2005, renewed in 2011, and again in 2017.

Background: In 1990, under the authority of the federal Clean Water Act and starting with large (population >100k) municipalities (and industries), EPA began regulating stormwater runoff. In 2000, the scope was extended to smaller municipalities, and EPA delegated the authority to the State to issue these municipalities (including Carrboro) a stormwater permit.

Status: Active. The planned EPA/State NPDES Phase II stormwater permit audit was completed on August 12. A Notice of Violation, as anticipated and previously reported, was provided on November 2. Staff prepared additional information as part of Council and Stormwater Advisory Commission agendas in early November. **Staff presented a draft Stormwater Management Plan to the Stormwater Advisory Commission in early January.** 36 of the 46 communities that have been audited in 2019/2020 have received Notices of Violation and 5 additional communities have received Notices of Deficiency.

Fiscal and Staffing Considerations: Preparing for and follow up from this audit and improving the Town's permit compliance and record keeping activities has been and will continue to be a significant undertaking.

Additional Information:

<https://deq.nc.gov/about/divisions/energy-mineral-and-land-resources/stormwater/stormwater-program/npdes-ms4-permitting>

7. Stormwater Control Measure Maintenance and Inspection Program



Background: The Town's Land Use Ordinance (LUO) has required "Stormwater Control Measures" (SCMs) as part of development projects. SCMs treat runoff to reduce both water quantity and quality impacts. Since 2007, the LUO¹ has articulated requirements for private landowner maintenance of SCMs. (Prior to 2007, this responsibility was implicit rather than explicit.) In early 2020, the Council approved a rate increase to support the necessary capacity to expand program efforts in general, and specifically including SCM compliance oversight. In August, 2020, NCDEQ audited the Town's performance for its permit. Past oversight of SCM maintenance was a recognized permit performance deficiency. Moving forward with a compliant and comprehensive Town wide SCM maintenance oversight program is also seen as an immediate and effective action that the Town can take for flood/climate change resilience since there are many existing SCMs for which performance can be improved with proper maintenance, and risks of poorer future performance can also be avoided through preventative maintenance.

Status: Active. The concept that staff are moving forward with, given the above, is to move forward with the SCM maintenance and inspection program activities with goals of:

- 1) A letter being sent to all owners of Town permitted SCMs outlining their responsibilities and clear communications about the program and what will be happening going forward (**initiated in November**);
- 2) All owners of Town permitted SCMs being required to initiate their own annual reporting of their maintenance and inspection efforts by the end of 2021;
- 3) Stormwater staff committing to complete staff inspections of all Town permitted SCMs by the end of 2022.

Staff have been reporting on activities to the Stormwater Advisory Commission since October.

Fiscal and Staffing Considerations: This activity is requiring a significant amount of staff time given the size of the inventory and since it is possible if not likely that many owners of SCMs are not aware of their SCM maintenance and reporting responsibility.

Additional Information: <http://www.townofcarrboro.org/751/Maintenance-and-Inspection>

¹ [Section 15-263.1 Maintenance of Structural BMPs](#)

8. NPDES Public Works Facility NPDES Permit

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES
GENERAL PERMIT NO. NCG080000

TO DISCHARGE STORMWATER UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

for establishments primarily engaged in the following activities:

Vehicle Maintenance Areas

Regulatory Requirement: Under federal and state law, the Public Works facility continues to be regulated through an NPDES stormwater general permit.

Background: In 1990, under the authority of the federal Clean Water Act and starting with large (population >100k) municipalities (and industries), EPA began regulating stormwater runoff. In 2000, the scope was extended to smaller municipalities, and EPA delegated the authority to the State to issue these municipalities a stormwater permit. In addition to receiving a town wide permit, Carrboro received a separate permit for the Public Works facility given the operations occurring at the site and potential for stormwater impacts on water quality.

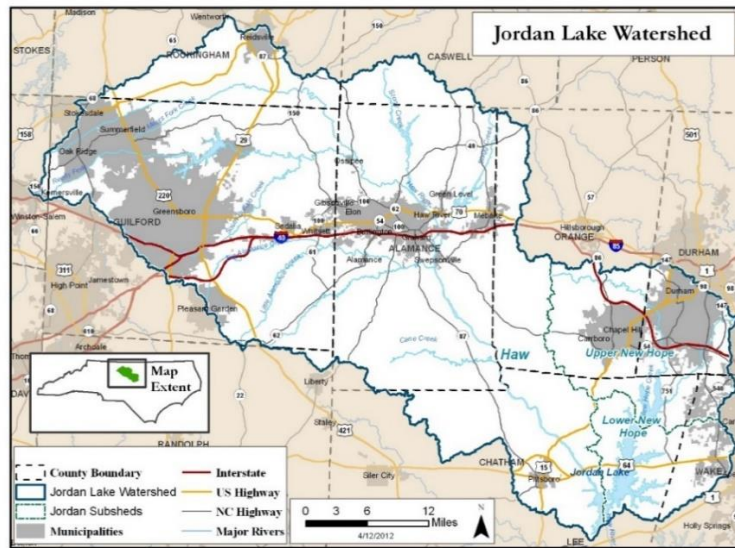
Status: Active. This activity has been and remains in a regular/routine operational status, with the facility remaining compliant with federal/state requirements.

Fiscal and Staffing Considerations: The Town has been working with a consultant for about \$6k/year to support regulatory compliance. There is also an ongoing level of staff activity to maintain compliance.

Additional Information:

<https://deq.nc.gov/about/divisions/energy-mineral-land-resources/npdes-stormwater-gps>

9. Jordan Lake Rules Compliance



Regulatory Requirement: The Jordan Lake Rules are a nutrient management strategy designed to restore water quality in the lake by reducing pollution entering the lake. Restoration and protection of the lake is essential because it serves as a water supply for several thriving communities, a prime recreation area for more than a million visitors each year, and an important aquatic ecosystem.

Background: Jordan Lake was impounded in 1983 by damming the Haw River near its confluence with the Deep River. It was created to provide flood control, water supply, fish and wildlife conservation, and recreation. The lake has had water quality issues from the beginning, with the NC Environmental Management Commission declaring it as nutrient-sensitive waters (NSW) the same year it was impounded. Since that time, Jordan Lake has consistently rated as eutrophic or hyper-eutrophic, with excessive levels of nutrients present. The most relevant provisions in the rules for Carrboro relate to stormwater management for both new and existing development, riparian buffers, and fertilizer application.

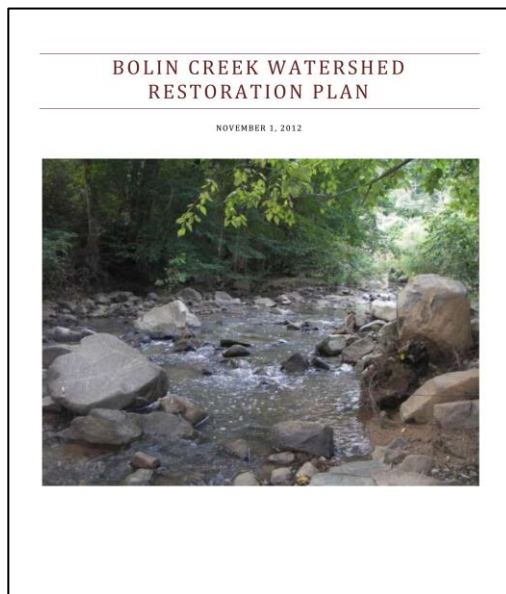
Status: Under Review (State). There was significant Town activity between about 2005 and 2015 to prepare for and enact ordinance provisions and begin work on implementation activities. The State then chose to pursue further studies to guide implementation. Jordan Lake Rules regulatory review has begun now that a NC Policy Collaboratory study has wrapped up. The goals of the rules readoption process is to evaluate the Collaboratory's findings and engage stakeholders throughout the watershed to help develop draft rules. The NC Division of Water Resources (DWR) has contracted with Triangle J Council of Governments (TJCOG) to administer this public participation process.

Fiscal and Staffing Considerations: The Town continues to be required to submit annual reports identifying stormwater retrofits, and has programmed several projects in the CIP. It is preliminary at this point to speculate on the potential fiscal/staff/regulatory impacts that will result, beyond an understanding that some staff time will be required to stay informed and report back as the review is pursued.

Additional Information:

<https://deq.nc.gov/about/divisions/water-resources/water-planning/nonpoint-source-planning/jordan-lake-nutrient>
<https://www.tjocog.org/programs-energy-environment%E2%80%AF-water-resources/jordan-lake-one-water>

10. Bolin Creek Watershed Restoration Plan Implementation



Regulatory Requirement: The downstream extent of Bolin Creek in Carrboro, and continuing into Chapel Hill, is on the state/federal list of impaired waters. Local actions are needed to improve water quality.

Background: Carrboro staff worked with Chapel Hill and other local, state and federal agency staff in 2006 to create the Bolin Creek Watershed Restoration Team (BCWRT) because of the impaired waters listing. At the time, the Bolin Creek watershed was selected as one of only 7 watersheds in the state to receive focused state and federal assistance in preparing grant applications and leveraging other resources to remove Bolin Creek from the impaired waters list. The BCWRT's long term goal is to improve the health of Bolin Creek and its tributaries and remove it from the impaired waters list. This is an ambitious goal that will require a robust commitment for many years to come.

Status: Planning. Watershed restoration plan implementation has been inactive since 2012 due to insufficient staff capacity and funding resources. **Staff are exploring project opportunities.**

Fiscal and Staffing Considerations: There are no near term considerations. Longer term fiscal and staff considerations are uncertain.

Additional Information:

<https://townofcarrboro.org/280/Bolin-Creek-Watershed-Restoration>

PART 3: WORK DRIVEN BY BOTH WATER QUANTITY AND QUALITY INTERESTS

11. Public Works Stream Restoration



Project Description: This project has involved two phases of repairing/restoring a badly eroding stream channel in an extremely high risk situation adjacent to Public Works. The first phase was preliminary engineering; the second is construction/restoration.

Project Background: There are two unnamed intermittent streams that flow from the south side of downtown along South Greensboro Street and Old Pittsboro Road, join just above the 54 Bypass, and then flow under the bypass and along the Public Works property line before joining Morgan Creek. The stream channel is very incised adjacent to Public Works, with an extremely actively eroding bank. During Hurricane Florence, a large section of the streambank immediately adjacent to the fuel tanks (as well as outbuildings) collapsed, escalating and accelerating the importance of addressing the bank erosion. This project has been an identified need since 2015.

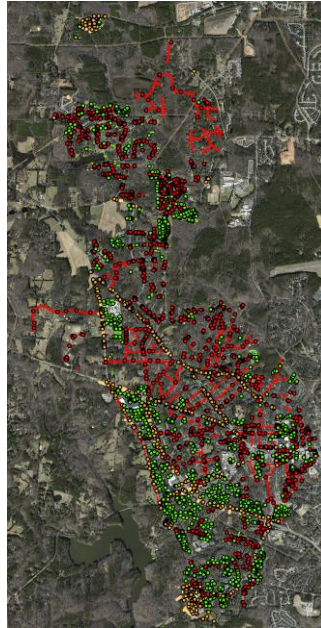
Status: Closeout. The preliminary engineering was completed in early 2020. Construction bids were solicited in March and received in April. The Council approved moving forward with construction on May 5th. North State Environmental was awarded a construction contract in May; construction began in July. Grading was completed in early September and planting occurred in December.

Fiscal and Staffing Considerations: The total cost for engineering and construction was \$230k. Staff are working with NCDPS and FEMA to closeout the review of Public Assistance funding for this project (#5). There has been a significant staff impact associated with project management and pursuit of federal funding.

Additional Information:

https://www.fema.gov/media-library-data/1534520496845-4b41646e3d8839c768deb3a7f4ded513/PADeliveryModelFactSheetFINAL_Updated_052418.pdf
<https://carrboro.legistar.com/LegislationDetail.aspx?ID=2288740&GUID=0B2EA271-314B-4ED8-8A38-0E199F87A49F%3E&FullText=1>

12. MS4 Inventory Update, Condition Assessment, Asset and Workflow Management



Description: This initiative involves using new technology to update the MS4 inventory, assess MS4 conditions, and create asset management and workflow systems and tools. Asset management is a strategic approach to maintaining and sustaining infrastructure in order to deliver services at the lowest overall life cycle cost. This method is intended for managing any assets, has traditionally been used for drinking water and wastewater, and is increasingly being used by stormwater utilities.

Background: A GIS based system inventory was first completed about 15 years ago in preparation for the Town's NPDES permit. While maintenance of the inventory is ongoing, some additional work is needed to fully complete the inventory so it can serve as the foundation for comprehensive stormwater workflow, regulatory tracking and asset management needs. The Town is in the process of implementing a new workflow management system (CityWorks) and GIS based field inventory capabilities. A system condition assessment has not been completed, nor has an asset management system been created.

Status: Active. Staff began using CityWorks in May and will continue to configure and implement CityWorks and update the GIS data to serve this function.

Fiscal and Staffing Considerations: There is no direct fiscal impact currently. The need for additional resources such as engineering or contractual services will depend on the technical requirements and overall staff workload and the desired pace of moving this work forward.

Additional Information: <https://louisville.edu/cepm/projects/sustainable-community-capacity-building/asset-management-for-stormwater>

<https://www.epa.gov/sites/production/files/2018-01/documents/overcoming-barriers-to-development-and-implementation-of-asset-management-plans.pdf>

13. Stormwater Project Planning and Prioritization

	Criteria	Type	Possible	Points						
				10	9	8	7	6	5	4
	Public safety/welfare	Public interest	Mandatory	High infrastructure impacts			Medium infrastructure impacts			Low infrastructure impacts
Community Benefits	Conveyance repair/replacement	Infrastructure	10	Public infrastructure or insurable structures affected			Private property impacted			
	Public visibility/educational value	Public interest	10	High			Medium			
	Detention	Flood mitigation	10	Public infrastructure, insurable structures protected			private insurable structures protected			no insurable structures protected
	Water supply protection	Public interest	10				Yes			
							> 1 acre & reduction in curve # by >15			Other green infrastructure
	Green infrastructure	Multiple	10	Green street/parking lot						
Environmental Benefits	Stream/riparian repair/restoration	Stream/geomorphic	10	Perennial stream			Intermittent stream			
	Runoff (volume) reduction	Multiple	10	>cfs			> < cfs			>< cfs
	Impaired waters	Water quality/stream	8			Lower Bolin Creek		Upper Bolin Creek		
	Nutrient reduction	Water quality	7				> N reduction			< < N reduction
Feasibility	Landowner	Feasibility	10	Town owned		Other local agency		State/federal		Private-landowner easement/agreement
	In CIP?	Feasibility	5						Yes	

Description: The purpose of this work is to create a process for planning for and prioritizing large stormwater improvement/capital projects, to inventory all potential projects with a 10-20 year planning horizon, and to develop a prioritized 5 year project list/CIP update during FY 21.

Background: Carrboro has been identifying stormwater capital projects in the Capital Improvements Program (CIP) since 2012. These projects have historically been significantly but not solely motivated by the implementation of State's rules to restore Jordan Lake. Other studies have been completed and potential projects identified by the Town Engineer and also through, for example, the State's Ecosystem Enhancement program, Bolin Creek watershed restoration efforts, and efforts to identify infrastructure replacement/ improvement and stream repair/restoration projects. Identifying and implementing capital projects is an ongoing Town process, with updates to the CIP typically prepared annually.

Status: Active. Preliminary and planning level cost projections have been considered in the past as part of a Stormwater Service Delivery Review in 2019. Jordan Lake Rules, Bolin Creek Watershed Restoration, and Condition Assessment/Asset Management are also relevant. Stormwater input has been provided as part of the annual CIP update. Since the November report, staff provided input on the annual CIP update which has included recommending Stormwater Enterprise Fund support for near term stormwater infrastructure improvements as part of the Roberts Street project and also at Town Hall/Fire Station #1 and the Century Center.

Fiscal and Staffing Considerations: There is no fiscal impact associated with identifying, planning for, and prioritizing projects. There will be a staff impact to pursue this work through FY 19/20, and a lower level impact in subsequent years.

Additional Information:

http://www.townofcarrboro.org/AgendaCenter/ViewFile/Agenda/_12052018-3552



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-3

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

Fire Department Monthly Report

PURPOSE: To provide the Town Council a monthly overview of calls for service.

DEPARTMENT: Fire Department

CONTACT INFORMATION: Chief David Schmidt, (919) 918-7349

INFORMATION: This report will provide information on Fire Department calls for service that occurred in Carrboro, South Orange Fire District, and neighboring jurisdictions.

FISCAL & STAFF IMPACT: N/A

RECOMMENDATION: Staff recommends the report be received and accepted.



Location	Fire		EMS		Hazardous Condition		Service Call		Good Intent		False Alarm		Weather		Special Incident		Total #	Total %
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%		
Carrboro	5	50.0%		0.0%	45	93.8%	7	70.0%	3	60.0%	7	63.6%	7	77.8%	1	100.0%	75	78.9%
South Orange	1	10.0%		0.0%	3	6.3%	3	30.0%	1	20.0%		0.0%	2	22.2%		0.0%	10	10.5%
Chapel Hill	1	10.0%		0.0%		0.0%		0.0%		0.0%	1	9.1%		0.0%		0.0%	2	2.1%
North Chatham Fire District	1	10.0%		0.0%		0.0%		0.0%	1	20.0%	3	27.3%		0.0%		0.0%	5	5.3%
Orange Grove Fire District	1	10.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%	1	1.1%
White Cross Fire District	1	10.0%	1	100.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%	2	2.1%
Grand Total	10	100.0%	1	100.0%	48	100.0%	10	100.0%	5	100.0%	11	100.0%	9	100.0%	1	100.0%	95	100.0%

Fire	Examples include any type of fire; structure, vehicles, vegetation, rubbish, other outside fires
Overpressure/Rupture	This is an overpressure or rupture of air, steam, or gas where there is no associated fire
EMS	Any type of medical call or rescue of a person in distress
Hazardous Condition	Any type of condition where no fire exists - fuel/chemical spills, electrical equipment failure
Service Call	Examples of Public service incidents include: lockouts, water leaks, assisting other public agencies
Good Intent	Examples of good intent incidents include: steam mistaken for smoke, authorized controlled burns, no incident found at the location
False Alarm	Examples of false alarms include: alarms sounding due to a malfunction or the unintentional activation, and malicious false alarms.
Weather	Examples of weather incidents include: earthquakes, floods, damage assessments, or weather spotting
Special Incident	Example of special incidents include: citizen complaints due to code or ordinance violations



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:20-440

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

Police Department Monthly Report

PURPOSE: The Purpose of this agenda item is to provide the Town Council a brief overview of the monthly calls for service.

DEPARTMENT: Police Department

CONTACT INFORMATION: Chief Walter Horton, 919-918-7397

INFORMATION: This report will provide information on calls for service, arrest, citations, use of force, and accidents.

FISCAL & STAFF IMPACT: N/A

RECOMMENDATION: Staff recommends the Town Council receive and accept this report.

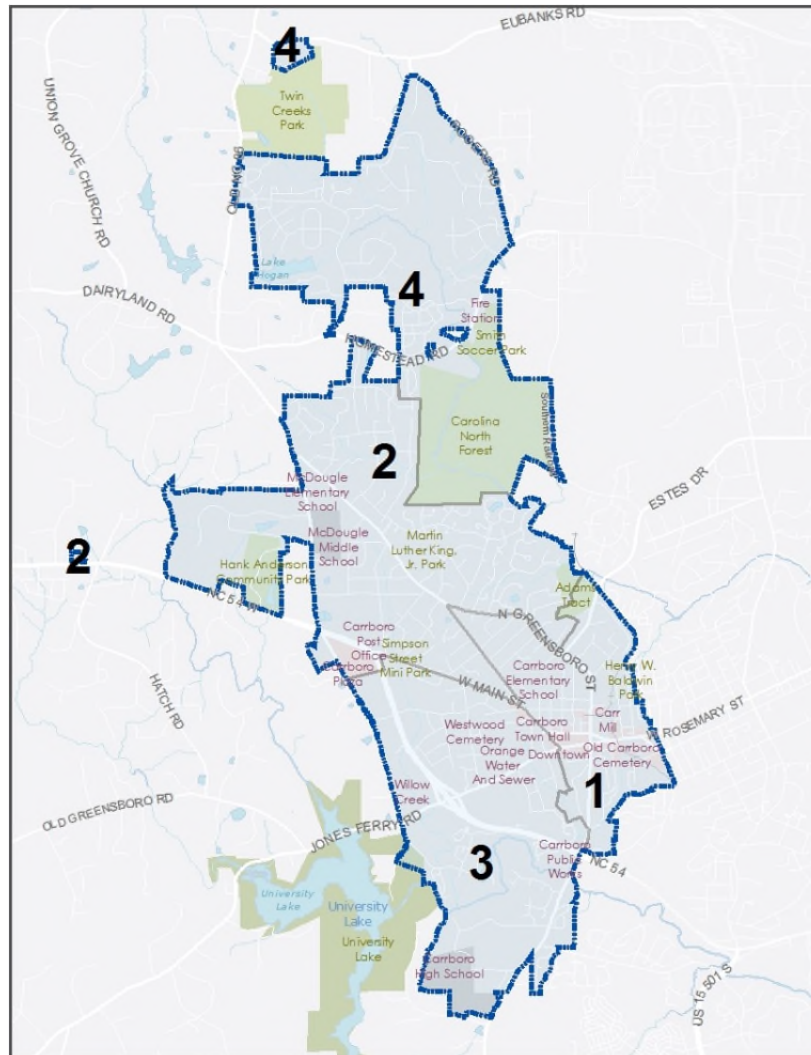


CARRBORO POLICE DEPARTMENT

Community • Accountability • Respect • Ethics

Monthly Report
December 2020

Patrol Areas



Calls for Service

	November	December	% Change
Area 1	397	433	9.07%
Area 2	224	284	26.79%
Area 3	851	765	-10.11%
Area 4	89	131	47.19%
Total	1561	1613	3.33%
Traffic Stops	213	203	-4.69%
Citations	55	92	67.27%
Arrest	28	22	-21.43%
Use of Force	5	0	-100.00%



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-13

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

Economic Development Monthly Report

PURPOSE: Regular Monthly Activities and Status Report

DEPARTMENT: Economic Development

CONTACT INFORMATION: Jon Hartman-Brown - 919-391-7846 - JHartman-Brown@TownofCarrboro.org

INFORMATION:

FISCAL & STAFF IMPACT:

RECOMMENDATION:



Economic Development Department

Monthly Update Report – December 2020

ACTIVITY

- **Attending Weekly Regional Economic Developers Meeting for COVID-19 Response**
I have been attending weekly meetings with Economic Development staff throughout the region including Chatham County, Orange County, Chapel Hill, UNC, Downtown Chapel Hill, Hillsborough, and Chamber staff. Our discussions have been revolving around post-COVID economic development and what that looks like. These meetings will be decreasing to a twice-a-month occurrence this calendar year as vaccinations begin to increase.
- **Attending CBA Marketing, Policy, and Leadership meetings**
I am currently attending CBA Marketing Committee, Policy Committee, and Leadership Council meetings to both understand the role of the CBA and to network with these business owners and find ways the Department can get plugged in.
- **Working with Two New Businesses**
I have been working with two potential new businesses on getting started. I am currently working through some business viability work with one and working through the revolving loan process with the other. Both present great opportunities and will meet some of the categorical restaurant demand we have here.
- **Preparation for ESC To Hold Retreat**
The Economic Sustainability Commission will be holding a retreat and review current conditions and trends and to solidify and develop an economic development strategic plan for the next 5-10 years. The goal is to have a strategic plan that will have solid action items tied to measures so that the plan can be easily assess the implementation of our strategy and its success in the Town.
- **BIPOC Business Update**
Since my last report, I have had the pleasure of meeting with and gathering feedback from three different BIPOC Business Advocates – two are current business/non-profit leaders, and one is a potential business owner. Access to capital, providing training/education, and building wealth all continue to be the resounding theme of many of my conversation with BIPOC business owners. This was originally identified in the Minority Business Roundtable report as well.

PROJECTS

- **Minority Business Roundtable – Implementation**
Current Status: Online portion of the Resource Center is under development. Initial meetings with community leaders have been occurring and another roundtable discussion (to occur every 2 months) has been scheduled for January 28th.
Next Steps: Development of a resource center (both online and physical locations).

Projected Completion: On-going. We anticipate these activities to continue and become a part of the economic development workflow process. The resource center projected completion is early February.

- **CTDA's VisitCarrboro.com Website Development – Project Completed**
Current Status: Project complete.
- **Project Arrange**
We have received feedback that Project Arrange was very appreciate of the Town Manager's offer. The company has paused this project until they can reassess their needs post-COVID-19.
- **Economic Development Strategic Plan – Identifying Strategic Issues and Strategy**
Current Status: Currently working with the ESC to solidify strategic issues and identify strategies for each issue.
Next Steps: Continue to work with the ESC to identify strategies for each strategic issue at their next meeting.
Projected Completion: Mid March.



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-12

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

A Resolution to Define Net Zero for the Town of Carrboro Buildings.

PURPOSE: The purpose of this item is for the Town Council to adopt a definition, including a metric and boundary, for the term “Net Zero Buildings” for the Town of Carrboro.

DEPARTMENT: Public Works and Planning

CONTACT INFORMATION: Ben Schmadeke, 919-918-7424, bschmadeke@townofcarrboro.org; Joe Guckavan, 919-918-7427, jguckavan@townofcarrboro.org; Laura Janway, 919-918-7342, ljanway@townofcarrboro.org

INFORMATION: The Town Council and Environmental Advisory Board have received information on Net Zero options for Town of Carrboro Buildings, hereinafter referred to as “Net Zero Buildings,” and have discussed the implications of each option and have come to an agreement on which definition to adopt. Staff is planning on presenting to the Council proposed building improvements this Spring. Proposed improvements will include discussion on Net Zero Buildings strategies as well as ways of limiting greenhouse gas emissions in construction materials and the construction process.

FISCAL & STAFF IMPACT: There is no Fiscal or Staff impact related to the adoption of this resolution.

RECOMMENDATION: It is recommended that the Council approve the attached resolution.

A RESOLUTION FOR ADOPTING A NET ZERO DEFINITION FOR THE TOWN OF
CARRBORO BUILDINGS

WHEREAS, the Town Council received a Net Zero Buildings report and presentation at the December 1, 2020 Town Council Meeting by the Town's consultant, Sud Associates, P.A., and subsequently discussed the Net Zero Buildings metric and boundary options presented; and

WHEREAS, the Environmental Advisory Board (EAB) received the same presentation on January 11, 2021 and have submitted the attached hereto comments; and

WHEREAS, the Town Council and the EAB are in agreement with which Net Zero Buildings definition to adopt for the Town of Carrboro; and

WHEREAS, the Town Council and the EAB also agree that the approach to any Net Zero Buildings project will be to first conserve as much as possible through energy efficiency measures, then to make up the balance through renewable energy generation; and

NOW, THEREFORE, BE IT RESOLVED by the Carrboro Town Council that the following Net Zero Buildings definition be adopted for the Town of Carrboro:

Net Zero Buildings shall be evaluated using greenhouse gas emissions (GHG) as the accounting metric. Renewable energy can be generated off-site to offset GHG emissions from non-renewable energy consumption.

This definition conforms to Option 3C of the attached report.

This the 19th day of February in 2021.



TOWN OF CARRBORO

Environmental Advisory Board

301 West Main Street, Carrboro, North Carolina 27510

RECOMMENDATION

January 11, 2020

Net Zero Discussion

Motion was made by Echart and seconded by Brandon that the EAB recommends:

Defining Net Zero

- Option 3: Greenhouse Gas Emissions
- The Town will need timely and defensible data to back up greenhouse gas emissions calculations
 - Search for more granular data (Duke Energy vs. NREL)
 - Published emissions data can be out-of-date so the Town will need to make some assumptions
 - Need to capture life cycle emissions from the production and transportation of the energy, especially natural gas

Defining the Boundary

- Option C: Off Site
- Develop solar energy anywhere on the grid, provided that it is owned by the Town
- Does not need to be Town property or within Town boundaries
- Look into Town parks, covered parking lots
- At some point the Town may need to examine creative yet feasible opportunities
 - Community solar
 - Buy a stake in a larger operation in another location; invest in solar farms
- The entire Carrboro community is a system, the location of the renewables is not as important
- However, on-site solar will minimize distribution losses

Additional Comments

Energy Sources

- The EAB recommends not locking the Town into natural gas usage
 - If the Town relies on electrification, it has more control and flexibility
- The makeup of the Town's energy sources is a moving target
 - The Town will need to take future trends into account

RECs

- Some EAB members are skeptical of RECs due to the fact that some renewable projects may already be in place and would not represent new emissions reductions

Overall

- The Town needs to work towards a goal of reducing fossil fuel use
- The Town should first pursue maximizing the energy efficiency of its buildings
- Next, the energy usage of the buildings must be offset completely by renewables in order for the Town to reach its goals of 80% reduction of 2010 greenhouse gas emissions levels by 2030
- The building analysis is a great first step towards evaluating all municipal energy usage and ultimately, the community's energy usage

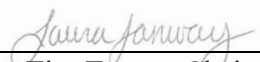
VOTE:

AYES: (5) Kaufman, Turner, Brandon, Schalkoff, Echart

ABSENT/EXCUSED: (1) Blanco

NOES: (0)

ABSTENTIONS: (0)


For Tim Turner, Chair

1-11-21
(Date)

Town of Carrboro
Town Hall Building; Century Center Building; Public Works Complex
Defining Net Zero Metrics and Boundaries

November 23, 2020

Background

The Town of Carrboro is considering options for renovating the Town Hall, Century Center, and the Public Works complex. The Town is seeking to develop a long-term renovation strategy while at the same time addressing immediate needs which have been identified by Town Staff. As part of the renovation effort, the Town would like to work towards the energy sustainability goals set forth in the Town's adopted Strategic Energy and Climate Action plan, which includes working toward net zero energy use.

A first step in the process of achieving a net zero energy building is to define the term "net zero" and to establish the criteria for a net zero energy building. This is more than an exercise in semantics, as the definition and criteria chosen can have significant effects on design decisions and project costs. Regardless of the definition chosen, the general approach to achieving net zero is to first conserve as much energy as is feasible, then use renewable energy to offset the remaining usage.

Defining "Net Zero"

The basic idea of a net zero energy building is that, over the course of a year, it has completely offset its energy usage by renewable energy production. Beyond this general concept, there is no single, universally accepted definition for a net zero energy building. The exact definition used for any given project is a choice made by the building owners and project team based on motivations, priorities, budget, building and site characteristics, and other constraints. The US DOE and the National Renewable Energy Laboratory (NREL) have developed a clear framework and guidance to aid owners and designers in choosing the defining criteria for their specific project.

In short, there are two decisions to be made: what metric will be used to evaluate the building's performance (i.e. net zero what?), and what is the boundary within which renewable energy may be generated? Each of these questions is addressed below.

Defining the Metric

NREL has presented 4 options for defining the metric by which a net zero building can be evaluated: Site energy consumption, source energy consumption, greenhouse gas (GHG) emissions, and energy cost.

Option 1: Net Zero Site Energy: A net zero site energy building will offset the energy it uses on site with renewable energy. The energy consumed is seen directly on the building's utility bills. Some owners see net zero site energy as an attractive metric primarily because it is easy to understand and its calculation does not depend on complex factors outside the boundary of the building. This metric steers designers away from natural gas as a heat or domestic hot water fuel in favor of heat pumps or even electric resistance heating.

Solar hot water is often a more attractive renewable energy source than photovoltaics under this metric.

Option 2: Net Zero Source Energy: The source energy metric considers the source of the energy used in the building. For instance, the source energy metric would account not for the electricity used in the building, but for the coal used at the power plant to produce the electricity used in the building. This metric is favored by owners whose primary motivation is to conserve the Earth's fossil-based energy sources and to reduce the environmental damage associated with the extraction of these fuels. Using this approach largely levels the field when comparing natural gas heating versus electric heat pumps.

Option 3: Net Zero GHG Emissions: This metric is based on the GHG emissions associated with the energy used in the building rather than the energy itself. For instance, the GHG emissions metric would account not for the electricity used in the building, but rather for the airborne pollution generated by the power plant as it produces the electricity used in the building. A net zero GHG building might also be called a "carbon neutral" building. Net zero GHG emissions is chosen by owners whose primary motivation is to mitigate climate change. This metric favors the use of natural gas over electricity use, and places high value on producing renewable electricity (e.g. photovoltaic panels).

Option 4: Net Zero Energy Cost: A net zero energy cost building will offset the building's energy cost over the course of a year with renewable energy sold to the grid or other users. This metric is perhaps the simplest to understand, but it may not fit with the Town's Climate Action Plan. The most attractive systems and fuel types under this metric are variable, depending on the comparative market rates of the different fuels.

Defining the Boundary

Any net zero building will require renewable energy either to power the building directly or (more likely) to offset the building's consumption of non-renewable energy. Where this renewable energy can be generated in order to count towards this offset is determined by the building owners and project team. NREL has presented 4 options, in order of decreasing constraint: building footprint generation, building site generation, imported renewables, and purchased generation.

Option A: Building Footprint Generation: This option applies the constraint that all renewable energy must be generated within the footprint of the building itself. A common example of this would be PV panels installed on the building's roof.

Option B: Building Site Generation: Renewable energy may be generated anywhere within the property lines of the net zero building. Under this option, for example, a building may have PV panels on its roof as well as on the ground or on an on-site parking canopy.

Option C: Off Site Renewables: Under this option, renewable energy may be imported from off-site and used on-site. A typical example would be biomass or biofuels used for heating. While not explicitly stated by NREL, it is our opinion that renewable energy generated by a system owned by the building owner and located on land which is owned by the building owner (though not on the building site) would qualify under Option C. An example would be PV panels located on a Town-owned park. This option simply expands options for renewable generation, it does not exclude the possibility that some energy may still be generated on the building or the building site.

Option D: Purchased Generation: This option allows renewable energy to be generated by others and

purchased by the building. This is often done in the form of Renewable Energy Credits (RECs). In this case the renewable energy itself is not necessarily used in the building, but the offsets created by the renewable energy are purchased and claimed by the building owners. Under this option, each of the previous three options may be included in the total mix of generation possibilities.



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-9

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

Establishment of the Racial Equity Commission

PURPOSE: The purpose of this agenda item is for the Town Council to consider adopting the resolution establishing the Racial Equity Commission.

DEPARTMENT: Town Management

CONTACT INFORMATION: David Andrews, dandrews@townofcarrboro.org [<mailto:dandrews@townofcarrboro.org>](mailto:dandrews@townofcarrboro.org) and Anita Jones-McNair, amcnair@townofcarrboro.org [<mailto:amcnair@townofcarrboro.org>](mailto:amcnair@townofcarrboro.org).

INFORMATION: On October 20, 2020, Mayor Lydia Lavelle and Mayor Pro Tem Barbara Foushee introduced a resolution entitled Supporting Reparations for Black Carrboro. The Council adopted the resolution and immediately following that action participated in a work session concerning reparations. One of the expectations set forth in that resolution is as follows:

Establish within a year, a Racial Equity Commission empowered to make short, medium and long-term recommendations that will make significant progress toward repairing the damage caused by public and private systemic racism, boosting economic mobility and opportunity, and creating generational wealth in the Black community.

A subcommittee including Mayor Pro Tem Barbara Foushee, Council Member Randee Haven-O'Donnell, David Andrews - Town Manager and Anita Jones-McNair - Race and Equity Officer was formed to develop a commission framework for consideration. The draft framework outlines the establishment, powers and duties of the Racial Equity Commission. (See Attachment B.)

FISCAL & STAFF IMPACT: No additional fiscal impact at this time - currently staff driven.

RECOMMENDATION: Staff recommends the Town Council approve the attached resolution.

A RESOLUTION ESTABLISHING THE RACIAL EQUITY COMMISSION

Draft Resolution No.

WHEREAS, On October 20, 2020, the Town Council approved a resolution entitled, Supporting Reparations for Black Carrboro; and

WHEREAS, One of the expectations set forth in that resolution is to establish, within a year, a Racial Equity Commission empowered to make short, medium and long-term recommendations that will make significant progress toward repairing the damage caused by public and private systemic racism, boosting economic mobility and opportunity, and creating generational wealth in the Black community; and

WHEREAS, The draft framework outlines the establishment, powers and duties of the Racial Equity Commission presented on this day; and

NOW, THEREFORE, the Town Council of the Town of Carrboro adopts the establishment, powers and duties of the Racial Equity Commission.

BE IT FURTHERMORE RESOLVED, that the Town Council provides the following direction:

This the 19th day of January 2021.

RACIAL EQUITY COMMISSION

Background

The Carrboro Town Council and Staff made a commitment to LISTEN to the voices of Carrboro, ENGAGE the voices of Carrboro, PROVIDE services and PLAN for ALL the voices of Carrboro. This purposeful decision was voted on unanimously by the Town Council to begin race and equity work in October 2018. The town joined GARE (Government Alliance for Race and Equity) and started their journey.

With *one voice*, the Town envisions all people that live and work in Carrboro are thriving. Unfortunately, to thrive is only a notion when fundamentally for many black, brown and other marginalized residents basic needs are lacking. Often times structural and institutional racism plagues many communities. Facing truth and finding reconciliation provides healing and direction. The Town will commit to providing equitable operations and services, economic sustainability, affordable housing, food security, and equitable climate change mitigation for ALL of Carrboro.

Purpose

Carrboro seeks to incorporate equitable policies, procedures and practices. The goal is to create a community in which political, economic, social and cultural institutions are no longer predicted and influenced by race. That is why the Racial Equity Commission is so important!

The Carrboro Racial Equity Commission is being established as the community advisory, leadership support team of the Town's racial equity commitment. The commission will work with the Town Council, Race and Equity Officer and Town staff.

Mission

The mission of the Racial Equity Commission is to educate, provide leadership and facilitate on-going equitable engagement with the immediate and greater Carrboro community. The focus is to foster a welcoming and inclusive environment that enhances the overall social, physical, mental and economic well-being of Carrboro.

Carrboro seeks to incorporate equitable policies, procedures and practices for real change based on both short and long term strategies to address disparities. Necessary resources and budgetary appropriations can start as soon as 2021 because our focus is building greater equity within the community.

Criteria of the Carrboro Racial Equity Commission

Commission make-up

Comprised of eight commission members who complete race and equity training provided by the Town's Core Team. All representatives should live in Carrboro.

More specifically, four representatives from the community. (Two members that lived in the community for at least 20 years and two for at least 10 years.) Also each of these members should have a lived experience based on being a person of color. That expertise will help to educate others and deepen viewpoints and practices. We believe individuals that are closest to the pain can be change agents and closer to the power structures that are currently in place. These community members should stay in place until appropriate replacements can be found because they are the foundation of this commission and will provide leadership and stability.

1 representative from the AHAC
1 representative EAB
1 representative ESC
1 representative from the Farmer's Market Board
2 non-voting Town Council Liaisons
Race and Equity Officer – Staff Liaison

Inaugural group will begin staggering terms after second year so that membership will not disrupt continuity.

Commission members will serve two year terms. (Option to serve two sequential terms)

Begin advertising for membership in February 2021 – Black History Month.

Annual duties

Evaluate the mission, purpose and annual duties. Present any recommended changes to the Town Council for approval. (first year)

Conduct quarterly community meetings which includes an opportunity to educate the residents and businesses about resources, opportunities, and any updates. (first two years)

Conduct semi-annual community meetings. (or as needed, beginning third year)

Conducts routine bi-monthly listening sessions and engagement. (as needed, on-going)

Research and develop a Carrboro Reparation proposal for Carrboro including funding considerations. (annually)

Gather and review data to gain a deeper understanding of disparities in town and provide recommendations to address.

Assess, acknowledge and envision next steps based on change and recommendations.

Collaborate with other organizations, committees and task force working to address racial inequities in the community; intra and inter jurisdictional needs.

Review evaluations of town's practices and procedures once completed by departments and representatives. Provide feedback.

Annual administrative expectations:

Present annual "at a glance" presentation to the Town Council.

Conduct semi-annual meetings with the Truth Plague Committee. (and as needed)

Conduct semi-annual meetings with Community Safety Task Force. (and as needed)

Share recommendations and reports with the other Boards and Commissions for feedback and agreement as appropriate.



Town of Carrboro

Town Hall
301 W. Main St.
Carrboro, NC 27510

Agenda Item Abstract

File Number:21-10

Agenda Date: 1/19/2021

File Type:Agendas

In Control: Board of Aldermen

Version: 1

TITLE:

Energy and Climate Protection Plan and Community Climate Action Plan Implementation Update

PURPOSE: The purpose of this item is to update the Council on Energy and Climate Protection Plan and Community Climate Action Plan Implementation Efforts and to request comments on the Green Neighborhoods Grant Program proposal from the Town Council.

DEPARTMENT: Planning Department

CONTACT INFORMATION: Laura Janway, Environmental Sustainability Coordinator, ljanway@townofcarrboro.org, (919) 918-7342; Patricia McGuire, Planning Director, pmcguire@townofcarrboro.org, (919) 918-7327

INFORMATION: The purpose of this item is to provide the Board with an update on the implementation of two climate action plans, the municipal Energy and Climate Protection Plan (ECPP) and Community Climate Action Plan (CCAP). Work on the ECPP has been underway since the Board's adoption on May 28, 2014. (A complete copy of the ECPP can be found at: <http://www.townofcarrboro.org/DocumentCenter/View/553/Energy--Climate-Protection-Plan-2014>). Progress on the CCAP has been ongoing since the Board's adoption of the plan on January 24, 2017. (A complete copy of the CCAP may be found at: <http://www.townofcarrboro.org/DocumentCenter/View/4116/Community-Climate-Action-Plan>).

This update includes a resolution for the Town Council to receive the report (Attachment A), a resolution requesting comments on the Green Neighborhood Grant Program (Attachment B), a detailed report describing ECPP and CCAP implementation since the March update (Attachment C), and a draft proposal for the Green Neighborhoods Grant Program. (Attachment D).

FISCAL & STAFF IMPACT: There is no fiscal or staff impact related to this update.

RECOMMENDATION: Staff recommends the Town Council consider the attached resolution to receive the report and consider the attached resolution to provide comments on the draft proposal for the Green Neighborhoods Grant Program.

A RESOLUTION RECEIVING AN UPDATE ON THE CLIMATE AND ENERGY
PROTECTION PLAN AND COMMUNITY CLIMATE ACTION PLAN

WHEREAS, the Town Council has received a presentation regarding the Energy and Climate Protection Plan and the Community Climate Action Plan; and

WHEREAS, the Town of Carrboro has a number of emissions-reduction projects in process; and

WHEREAS, Town staff have requested Council input at key milestones; and

WHEREAS, staff have provided the Council with updates on particular projects at regular Intervals; and

NOW, THEREFORE, BE IT RESOLVED by the Carrboro Town Council that the Council receives this update on the implementation of the Energy and Climate Protection Plan and the Community Climate Action Plan.

This the 19th day of January in 2021.

A RESOLUTION REQUESTING COMMENTS ON THE PROPOSED GREEN
NEIGHBORHOODS GRANT PROGRAM

WHEREAS, Community Integration Recommendation #3 in the Community Climate Action Plan recommends creating a Green Neighborhoods Program to engage neighborhoods in efforts to reduce community greenhouse gas emissions; and

WHEREAS, Community Integration Recommendation #5 in the Community Climate Action Plan recommends expanding capacity to pursue community sustainability initiatives and creating a community grant program; and

WHEREAS, staff have drafted a Green Neighborhoods Grant Program structure; and

WHEREAS, the funding for this program has been budgeted in the FY20-21 Town Budget; and

NOW, THEREFORE, BE IT RESOLVED by the Carrboro Town Council that the Council provides the following comments:

This the 19th day of January in 2021.



TOWN OF CARRBORO

TRANSMITTAL

Manager's Office

DELIVERED VIA: ☐ HAND ☐ MAIL ☐ FAX ☒ EMAIL

To: David Andrews, Town Manager

From: Laura Janway, Environmental Planner
Patricia McGuire, Planning Director

Date: January 19, 2021

Subject: Implementation Update: Energy and Climate Protection Plan (2014)
& Community Climate Action Plan (2017)

Summary

The purpose of this memo is to provide the Board with a progress report on implementation of the Energy and Climate Protection Plan (ECPP), adopted May 28, 2014, and the Community Climate Action Plan (CCAP), adopted January 24, 2017. The ECPP concentrates on lowering municipal greenhouse gas (GHG) emissions and the CCAP has recently been updated with an 80% reduction goal in per capita greenhouse emissions by 2030. Town staff are examining and pursuing several initiatives to reach the emissions reductions goals.

Staff have continued to implement the ECPP through the Facilities Rehabilitation and Renovation Project. The Town Council and the Environmental Advisory Board have provided input on the definition of net zero for Town buildings. Staff are also providing guidance to a graduate student who is working to update the Town's municipal and community GHG inventories and analyze additional emissions related to natural gas usage.

Recent CCAP implementation measures include the drafting of a proposal for the Green Neighborhoods Grant Program and work to design a program for independent volunteer work to remove invasive species. Staff also worked to draft a charge for a new advisory board, the Climate Action Team (CAT) and bring to the Town Council for approval. Planning Department and Public Works staff organized a volunteer event to plant landscape-sized trees in Henry "Hank" Anderson III Community Park as part of a grant received from the NC Urban Forest Council. Additionally, staff, along with a volunteer from the Environmental Advisory Board (EAB), are in the final stages of an analysis to create a baseline food emissions profile for the Town to inform future implementation of CCAP Food Choices recommendations.

Energy and Climate Protection Plan

Facilities Rehabilitation and Renovation

- *Policy Connections:* ECPP Section 2.B.i: Building Assessments and Ratings

Planning Department and Public Works staff worked to coordinate the presentation of net zero choices for the Facilities Rehabilitation and Renovation project to the Environmental Advisory Board. On January 11, 2021, Christian Kaltreider and Ish Sud from Sud Associates, P.A. presented to the EAB. The EAB provided comments and agreed with the definition chosen by the Town Council. Staff will bring a resolution to the Council to approve the definition before moving forward on the project.

Municipal and Community Greenhouse Gas Inventories

- *Policy Connections:* ECPP Section 4 (Measurement, Inventory, Assessment, and Reporting). Pursuing these activities will inform actions and stakeholders and create transparency.

The Town's Environmental Sustainability Coordinator has continued to work with Mr. Jacob Becker to update Carrboro's municipal and community greenhouse gas inventories for his Master's Project. The project will have three goals:

- Explore the effectiveness of Carrboro's policies in decreasing greenhouse gas emissions from the Town's most recent municipal and community greenhouse gas inventories.
- Quantify the impact of fugitive methane on GHG inventories.
- Recommend additional policies to meet Carrboro's goal of 80% carbon reduction by 2030 compared to 2010 levels.

Public Works staff have been instrumental in helping Town staff access utility bills for analysis. Mr. Becker plans to complete this project by Spring 2021.

Southeast Sustainability Directors' Network (SSDN) Membership

In January 2021, the Town Environmental Sustainability Coordinator joined the SSDN. Membership in this organization will allow the Environmental Sustainability Coordinator to participate in meetings and topic-based workgroups with other sustainability staff in the Southeast. The SSDN will also provide staff with resources and advice related to sustainability and climate action.

Community Integration

Climate Action Team (CAT)

- *Policy Connections:* CCAP Community Integration Recommendation #5: Expand Capacity

The Town Council adopted a Town Code Amendment to create the Climate Action Team on October 20, 2020. The Town Code has been updated and the Town Clerk is promoting open seats and collecting applications for this advisory board. As of January 15, 2021, three

applications have been received. The timeline for bringing applicants to the Town Council for appointment will be determined as additional applications are received.

Green Neighborhoods Grant Program

- *Policy Connections:* CCAP Community Integration Recommendation #3: Create Participatory Green Neighborhood Budgeting Program to Reduce Carbon Emissions, Build Community, Save Money, and Reallocate Savings to New Green Project Initiatives

Staff have drafted a proposal for this project (Attachment D) and have requested comments from the Town Council in a resolution (Attachment B).

Planning Department staff will work with the Town's Communications Team to pursue non-traditional methods of outreach to inspire entire community involvement in this program, as outlined in the Town's Inclusive Communications & Community Engagement Plan.

Modules Project

- *Policy Connections:* CCAP Community Integration Recommendation #5: Expand Capacity

Staff have been working with members of the community to create a library of modules to share with the public and local partners. Three modules created by Carrboro residents have been edited by staff and volunteers and reviewed by the Environmental Advisory Board. These modules discuss transportation, ecosystems, and composting. Staff and volunteers are working to incorporate the EAB's comments into these presentations.

Orange County Climate Council

- *Policy Connections:* CCAP Community Integration Recommendation #2: Community Integration Recommendation #2: Expand Public Partnerships to More Explicitly Consider Climate Action.

The Climate Council held its first Annual Community Update Event virtually on October 22nd. The meeting recording can be found on the Climate Council's webpage:
<https://www.orangecountync.gov/2228/Orange-County-Climate-Council>.

Building Energy Efficiency Measures

Energy Efficiency Revolving Loan Fund (EERLF)

- *Policy Connections:* Buildings Recommendation #1, #2: Reduce Emissions Attributed to Carrboro Buildings by 50% by 2025; Energy Audit/Performance Rating; Community Integration Recommendation #4, #6: Integrate Climate Action with Local Living

Economy; Facilitate Low Cost Financing for Energy Efficiency and Renewable Energy Projects

Staff expect to be actively working to move forward with this program in the next quarter. Staff will also examine opportunities to leverage this funding with larger-scale Federal programs.

Transportation

Volkswagen (VW) Settlement Phase 1 – Level 2 Charging Station

- *Policy Connections:* ECPP Goals; CCAP Transportation Recommendation #1: Reduce Greenhouse Gas Emissions from Motor Vehicle Use by 50% by 2025.

Town staff are working to complete an application for a Level 2 Charging Station, due January 25, 2021. The Town Council authorized Town staff to submit a proposal on December 4, 2018.

Transportation Demand Management (TDM) Grant – Fresh Starts Project

- *Policy Connections:* CCAP Transportation Recommendation #4: Further Promote Walking, Biking, Transit

The Center for Advanced Hindsight has informed Town staff that funding will be available for the Fresh Starts in early 2021. The project will involve a partnership between the Center for Advanced Hindsight, the Town of Carrboro, and Orange County to design and study the efficacy of transportation welcome packets for new residents. An oversight committee will be working with the Center for Advanced Hindsight to revisit the project timeline in mid-January, and all partners will then move forward with a kickoff workshop.

Contribution to Piedmont Electric Membership Corporation (PEMC) for Level 1 Electric Vehicle (EV) Charging Station at Carrboro Plaza

- *Policy Connections:* ECPP Goals; CCAP Transportation Recommendation #1: Reduce Greenhouse Gas Emissions from Motor Vehicle Use by 50% by 2025.

Piedmont Electric Membership Corporation is listed as an awardee from the Volkswagen Settlement Phase 1 Zero Emission Vehicle Infrastructure Program for a DC Fast Charging Station in Carrboro Plaza (https://files.nc.gov/ncdeq/Air%20Quality/motor/vw-phase-1-images/DCFAST_AWARDEES.pdf). The FY20-21 Climate Action Budget contains funding to contribute to PEMC's match for the grant, as it will help Carrboro work toward CCAP goals. Staff will be in discussion with PEMC to discuss moving forward with this contribution.

Ecosystem Protection and Enhancement

NC Urban Forest Council Grant

- *Policy Connections:* Ecosystem Recommendation #4: Tree Preservation, Protection and Conservation; Ecosystem Recommendation #6: Pursue Watershed Restoration Actions to Protect Local Streams from Changes in Rainfall Due to Climate Change

In early November 2020, Public Works staff worked to prepare the site for tree planting. Preparations included grading, application of native seed and biodegradable erosion control matting, and installation of rip-rap to create a stormwater feature. On November 16, Planning Department and Public Works staff held a volunteer tree planting event. At the event, staff introduced the project and provided volunteers with educational background material on native tree species and their ecological benefits. Staff explained the importance of vegetated riparian stream buffers and also provided educational material to guide volunteers in proper tree planting procedures.

Volunteers worked through the morning to plant 28 landscape-sized trees along the stream and in several other locations in Henry “Hank” Anderson III Community Park. Staff from the NC Urban Forest Council attended to assist with planting trees and help volunteers. All volunteers wore masks through the entire event, which was covered by local media.

Staff were actively working to organize a second volunteer event on January 16th to plant live stakes along the stream. However, due to high levels of local and statewide COVID-19 cases and the extension of the Governor’s recent Stay-at-Home Order, which recommends leaving home only for essential activities and avoiding gatherings, staff have postponed the event. Staff will work to reassess conditions for rescheduling the event in February.

Planning Department staff are also working with a volunteer from the Stormwater Advisory Commission to create outreach materials for the site, including an educational sign which will be placed in the park to explain the project’s significance to park visitors.

Bee City USA

Staff are working to submit a yearly report and renew the Town’s participation in Bee City USA by February 28th, 2021.

Invasive Species Volunteer Events

- *Policy Connections:* Ecosystem Recommendation #5: Improve Regulations and Community Capacity to Discourage Invasive Plants and Encourage Native Plants

The Town’s Environmental Sustainability Coordinator has continued to supervise small monthly meet-ups at Wilson Park to control invasive species. Public Works staff have also worked to coordinate pickups to remove the vegetation. Staff are now working on a new direction for this

project and are pursuing the creation of a program for volunteers to work independently by February. Staff have reached out to local municipalities with Adopt-a-Park/Trail programs for input and will be modeling the program to meet the Town's needs. Staff are also working to create communication and outreach material to promote Invasive Species Week from February 22-28, 2021.

Composting Bin Sales

- *Policy Connections:* Ecosystem Recommendation #3: Accelerate/Expand Organic Waste Collection/Composting

Town staff have launched composting bin sales and are working with the Town's Communication Manager to promote the sales and perform additional outreach with a composting how-to video. Carrboro residents can purchase compost bins by mailing an order form and payment to Town Hall. Planning Department staff will provide contactless bin delivery. Staff will work to provide additional purchasing options, including in-person purchasing, when COVID-19 precautions no longer need to be in place.

Managed Natural Landscape Ordinance

- *Policy Connections:* Ecosystem Recommendation #5: Improve Regulations and Community Capacity to Discourage Invasive Plants and Encourage Native Plants

Town staff worked to bring this item to the Town Council on October 20, 2020. As requested by the Council, staff reached out to the North Carolina Botanical Garden and new Hope Audubon Society for comments. Staff are now working to update a new draft ordinance incorporating this input, which will be brought to the Council at a later date.

Stormwater

Planning Department staff have been working with a local Boy Scout to discuss a potential Eagle Scout Service Project to upgrade the rain garden stormwater control feature at the intersection of James Street and Hillsborough Street. Stormwater Utility staff will also be providing input and expertise if the project moves forward.

Food Choice Measures

Build Dietary Greenhouse Gas (GHG) Emissions Profile

- *Policy Connections:* CCAP Food Choice Recommendation #2: Develop Local Dietary Consumption and Associated GHG Profile

The Town Environmental Sustainability Coordinator has continued to work with Ms. Chrissie Schalkoff, a Doctoral Student at UNC Gillings School of Global Public Health and member of

the EAB, to build the Town's dietary GHG emissions profile using data from the CCAP survey. The analysis is in its final stages and will be finished in early 2021 and brought to the Town Council.

After completing the profile, staff will move forward with guidance from the FY20-21 Environmental Sustainability Work Plan to and develop outreach material to educate Carrboro residents about dietary choices and related GHG emissions and hold events to promote plant-based food choices in Carrboro. Staff will also hire an intern by Spring 2021 to support the Environmental Sustainability Coordinator with management of the Green Neighborhoods Grant Program and assist with the organization, coordination, and promotion of the food choices events and outreach program

Green Business Recognition Program

Staff will also be working to initiate other projects outlined in the FY20-21 Environmental Sustainability Work Plan, including a Green Business Recognition Program. The Town Environmental Sustainability Coordinator is working to draft a rubric and outline for this program.

Green Neighborhoods Grant Program

The Carrboro Town Council accepted the Community Climate Action Plan (CCAP) in 2017 to expand the Town's existing climate action efforts and emphasize measures that community members can implement in order to achieve greenhouse gas emissions reduction targets. The plan's recommendations were designed to raise the community's awareness and involvement in climate action and the enhancement of ecosystem resilience. In 2020, the Town updated the CCAP goals to recommend an 80% reduction of 2010 emissions levels by 2030. In order to achieve this goal, widespread community participation in every aspect of the plan is essential.

The Green Neighborhoods Grant Program seeks to help bring neighbors together to pursue projects which will reduce greenhouse gas emissions, create natural areas that are more resilient to the impacts of climate change, and ultimately benefit the entire community.

Program Goals:

- Educate and empower neighborhoods to address climate change
- Build neighborhood capacity to engage in climate action
- Develop and enhance community and Town partnerships
- Leverage Town and neighborhood involvement and resources

How to Apply

1. Download or request your application

[Download an application](#) online or request an application from the Town Environmental Sustainability Coordinator by calling (919) 918-7342, or visit the Planning Department office at 301 W Main St, Carrboro, NC 27510.

2. Fill out your application

Completed applications may be emailed to Laura Janway at ljanway@townofcarrboro.org or mailed or faxed to:

Town of Carrboro Planning Department
301 W Main St
Carrboro, NC 27510
Fax: (919) 918-4454

3. Submit your application

- **Deadline: March 31, 2021, 5:00 pm**

All applications received after this deadline will not be considered. Town staff can provide clarification and technical assistance if needed. Please reach out for assistance as early as possible before the grant deadline.

Definitions

1. Ecosystem resilience: A natural area's capacity to recover from damage or respond to changes in climate.

Projects which improve ecosystem resilience can be related to:

- Reducing stormwater impacts
 - Increasing tree canopy and biodiversity
 - Management of invasive plants
 - Encouragement of native plants
 - Creation and enhancement of pollinator habitat
 - Management of organic waste
 - Improving soil quality.
2. Formal Entity: An organization established through laws or accounting principles that separates it from its owners, other organizations, and individuals.
 3. Greenhouse Gas Emissions: Gases including water vapor, carbon dioxide, methane, nitrous oxide, and ozone which absorb and emit radiant energy in earth's atmosphere. Anthropogenic greenhouse gas emissions such as the combustion of fossil fuels are one of the primary causes of global climate change.

Eligible Applicants

- All applicants must either be established as a formal entity for financial reporting purposes. Applicants not established as a formal entity will need to partner with a formal entity to act as their administrative and fiscal agent. The formal entity will complete the accounting work and reporting to the Town.
- Neighborhood-based organizations, including the following:
 - Neighborhood associations
 - Homeowners' associations
 - Non-profits
 - Businesses
 - Parent-Teacher Associations
- Neighborhoods must be located within in Carrboro's City Limits

Organizations which do not fit in the above criteria are not eligible to apply for funding. The Town encourages these entities to support neighborhood-based groups who are eligible to apply.

Eligible Projects

The Town of Carrboro seeks to support projects that demonstrate shared benefits with a goal of reducing greenhouse gas emissions and/or contributing to ecosystem resiliency. All projects must:

- Reduce emissions, enhance ecosystem resiliency, or contribute to climate action awareness or engagement
- Be accomplished within six months of project agreement
- Be accessible to all community members
- Be initiated, planned, and implemented by community members
- Obtain Town permits required for construction
- Applicants may request **up to \$2,500** in matching funds.
- Applicants may apply for funding in consecutive grant cycles. Applicants who have not received a previous grant will be given additional points during project evaluation and selection (see Selection Criteria, page 4-6).

Potential Projects

The Town will consider projects that reduce emissions or contribute to ecosystem resiliency under the following categories from the Community Climate Action Plan. The following chart lists potential ideas for projects that may be considered:

Community Climate Action Plan Category	Project Example
Community Integration, Climate Action Awareness/Engagement	<ul style="list-style-type: none"> • Design educational campaigns—e.g. social media, yard signs • Create public art related to climate action • Design and implement educational youth programs related to climate action
Building Energy Efficiency	<ul style="list-style-type: none"> • Create educational materials to help neighbors save energy in their households • Create program to help neighbors obtain energy audits • Create neighborhood LED lightbulb replacement program • Change out hot water heater in HOA clubhouse
Transportation	<ul style="list-style-type: none"> • Create neighborhood shared bicycle program • Develop bicycle maintenance or safety kits for neighborhood use • Design and promote weekly bike/walk to school days • Coordinate neighborhood carpool program
Renewable Energy	<ul style="list-style-type: none"> • Create educational campaign for neighbors to pursue solar
Ecosystem Protection & Enhancement	<ul style="list-style-type: none"> • Plant trees, a community rain garden, or pollinator garden • Purchase supplies and create a neighborhood invasive species removal group • Set up a neighborhood composting site • Organize neighborhood waste reduction initiatives
Food Choices	<ul style="list-style-type: none"> • Plant a community garden or build a community greenhouse • Hold a neighborhood climate-friendly food event • Create a campaign to educate neighbors on making climate-friendly food choices

Allowable Expenses

Grant funds may not be used for:

- Projects primarily benefiting an individual
- Operating expenses, such as utilities, insurance, or an ongoing payment of an existing or new account
- Food and beverage costs that exceed \$250 (unless the project relates to food choices or gardening)
- Employee salaries

Neighborhood Match Requirement

A documented 1:1 neighborhood match for Town funds awarded is not required, but will enhance your application. Matching contributions can include any combination of volunteer time, professional services, donated materials, or cash. Volunteer time will be valued at \$25.43/hour. Time spent performing related pre-application project planning activities may be counted towards the match.

Selection Process

1. **Staff Review and Comment:** Staff will review each project to ensure requirements are met and project is feasible.
2. **Project Clarification:** Clarify minor questions with applicants.
3. **Project Scoring and Decision:** Staff and the Climate Action Team will score and select grant recipients.
4. **Award notification:** All applicants will be notified with grant decisions.
5. **Funding Agreement**

Timeline

FY20-21	
Application Due Date	March 31, 2021
Funding Decision	Last week of April 2021
Contracts / Agreement	Last week of May 2021
Neighborhoods Implement Projects	2021
Grant Reports Due	January 2022

Selection Criteria

Town staff and members of the Climate Advisory Board will review and evaluate grant applications according to the following criteria:

1. Social Justice and Racial Equity

Low-income households and communities of color are disproportionately impacted by the effects of climate change. These groups will continue to be increasingly vulnerable without resources to adapt to the changing climate.

Criteria	Maximum Points
Applicant engaged low-income households or communities of color when developing the project; project will benefit these groups	10
Households benefiting directly from the project exhibit a median home value below Carrboro's median home value (\$350,800) and/or a median rent below Carrboro's median rent (\$1,036/month)	10

2. Project Impact

Criteria	Maximum Points
Project reduces greenhouse gas emissions, increases the health and resiliency of ecosystems within the Town of Carrboro, and/or contributes to climate action awareness/engagement	20

3. Project Planning and Design

Criteria	Maximum Points
Applicant outlines a plan to accomplish project	10
Project details specific outcomes and indicators of project success	10

4. Neighborhood Participation and Support

Criteria	Maximum Points
Project demonstrates broad-based neighborhood support	10
Project includes the active participation of several neighborhood residents in all phases of project work	10

5. Project Engagement

Criteria	Maximum Points
The project will effectively educate residents on climate change impacts, mitigation, and/or resilience, and will increase community awareness and engagement	10
Project can be used as a model for other neighborhoods to engage community members	5

6. Budget

Criteria	Points
Application presents an accurate projection of expenses	5

7. First-Time Applicant

Criteria	Points
Applicant has not received a Green Neighborhoods Grant from the Town in a previous grant cycle	10

8. Project Match (Optional)

Criteria	Points
Project contains a documented match	10

Criteria Summary

Criteria	Maximum points awarded per category
Social Justice and Racial Equity	20
Project Impact	20
Project Planning and Design	20
Neighborhood Participation and Support	20
Project Engagement	15
Budget	5
First-Time Applicant	10
Project Match	10

A project can be awarded a maximum number of **120** points.

Grant Awards

Grant recipients will be notified by the last week of April 2021. The Town will disburse all but 10% of requested funding before project work begins. The final 10% of requested funds will be disbursed after the Final Report is received and approved by the Town.

Final Report

After project work is complete, grant recipients must complete a final report detailing all accomplishments. Recipients answer the following questions in their report:

- How were community members engaged in project work?
- How many community members participated in project work?
- How were community members affected by project work?
- What did community members learn from their participation?
- How did this project contribute to greenhouse gas emissions reductions, ecosystem resilience, or climate action engagement/awareness?

Questions?

Please contact:

Laura Janway

Environmental Sustainability Coordinator

Town of Carrboro

P 919-918-7342

ljanway@townofcarrboro.org

For more information, check out our webpage:

www.townofcarrboro.org/GreenNeighborhoodGrants